

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
Dinesh Annayya et al.) Examiner: Not yet assigned
Application No.: Not yet assigned) Art Unit: Not yet assigned
Filed: Herewith)
For: CYCLICAL REDUNDANCY)
CHECK USING NULLIFIERS)

)

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

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Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the non-patent literature cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicants.

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Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

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 A statement pursuant to 37 C.F.R. §1.97(e) or

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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 3/16, 2004



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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 16820.P279	Application Number: Not yet assigned
	First Named Inventor: Dinesh Annayya	
	Filing Date: Herewith	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Exam. Initial*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Office ³	Number ⁴					

Examiner Signature		Date Considered	
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 16820.P279	Application Number: Not yet assigned
		First Named Inventor: Dinesh Annayya	
		Filing Date: Herewith	

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
		Louis E. Frenzel, "Programmable Framer Chip Improves OC-48 Efficiency, Using virtual concatenation, a next-generation Sonet chip allocates bandwidth dynamically, facilitates provisioning, and preclassifies and tags packets to free up network processors.", Electronic Design April 16, 2001, 4 pages.	
		Nilam Ruparelia, "Delivering Ethernet over Sonet using Virtual Concatenation", CommsDesign, February 25, 2002, 8 pages.	
		Michael Timothy Moore, "Filling the WAN-communications-line card", www.ednmag.com , April 18, 2002, p. 83-90.	
		"A Brief Explanation of CRC Computation", http://www.ece.msstate.edu/~reese/EE4743/crcexplained.htm , downloaded 1/16/04, 2 pages.	
		Eric E. Johnson, "High-Speed Computation of Cyclic Redundancy Checks", NMSU-ECE-95-011, November 1995, 14 pages.	

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